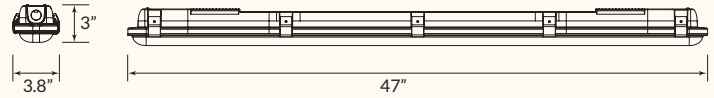




# CT-VTS-LKFS

## VAPOR TIGHT SLIM LUMEN & KELVIN SELECTABLE

PROJECT	TYPE	CATALOG#



Model	Size (inches) & Weight (lbs)			
	L (in)	W (in)	H (in)	Weight
CT-VTS-7L-LKFS	47	3.8	3	4.6

### OPTICAL

- Polycarbonate lens.
- Field selectable 3500k (warm/neutral white), 4000k (neutral white) and 5000k (cool white) color temperatures\*.
- Selectable lumen outputs range from 5,000, 6,000 to 7,000 nominal lumens and uses 40, 45 to 50 nominal watts\*.
- Long-life LEDs provide 187,000 hours of operation with at least 70% of initial lumen output (L70), and 57,000 hours with at least 90% of initial lumen output (L90)\*\*.
- LED chromaticity based on ≤ 5-step ANSI quadrangles.
- LED color maintenance ≤ 0.002 chromaticity shift ( $\Delta u'v'$ ) over the initial 6,000 hours of operation.
- Color rendering index > 80%.

### HOUSING

- Polycarbonate housing and stainless steel lens clips.

### ORDERING INFORMATION

Example: CT-VTS-7L-LKFS-ODS-EM13

SERIES	NOMINAL LUMEN OUTPUT (SELECTABLE)	KELVIN SELECTABLE	OCCUPANCY SENSOR*	EXTERNALLY INSTALLED EMERGENCY DRIVERS
CT-VTS	7L 7,000 nominal lumen	LKFS	ODS Microwave sensor Blank No occupancy sensor	EM10 10W emergency driver EM13 13W emergency driver Blank No emergency driver

\*Contact factory for other sensors;

ODS = microwave technology - features include on/off, step-dimming, and daylight threshold. Default sensor settings: detection area = 100%, hold time = 5 seconds, stand-by period = 0 seconds, stand-by dimming level = 10%, daylight threshold = disabled.

### ELECTRICAL

- Operating temperature (ambient): -40°C to 43°C (-40°F to 109°F).
- Universal 120-277V AC voltage (50-60Hz) is standard.
- 0-10VDC dimming drivers are standard.
- Input transient surge protection = 2.5 kV.
- Power factor > 0.90.
- Total harmonic distortion < 20%.

### MOUNTING

- Stainless steel mounting brackets and v-hooks included.

### CODE COMPLIANCE

- cULus listed for damp locations and insulated ceilings.
- DLC listed.
- Complies with FCC part 15, class A.
- Flicker-free per IEEE1789-2015 (no observable adverse effects of flicker at 100% light output level).
- IP65 rated for ingress protection.

### WARRANTY

- 5 year warranty on all electronics and housing.

\* Contact factory for other color temperature and lumen packages.

\*\*L70 & L90 hours are IES TM-21-11 calculated hours.



# CT-VTS-LKFS

## VAPOR TIGHT SLIM

### LUMEN & KELVIN SELECTABLE

## ACCESSORIES (ORDER SEPARATELY)

### Remote Mount Emergency Driver

- BLEM-CP-10C = 10W emergency driver - EM10
- BLEM-CP-13C = 13W emergency driver - EM13

## ELECTRICAL DATA

SERIES	MEASUREMENTS	LOW LUMENS			MID LUMENS			HIGH LUMENS		
		3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
CT-VTS-7L-LKFS	Lumens	5157	5303	5181	6009	6198	6034	7295	7611	7381
	Watt	37	36	37	44	43	44	53	51	53
	Efficacy	138	146	139	135	144	136	138	149	140
	Input Current (A)	120V = 0.31	120V = 0.30	120V = 0.31	120V = 0.37	120V = 0.36	120V = 0.37	120V = 0.44	120V = 0.43	120V = 0.44
240V = 0.15		240V = 0.15	240V = 0.15	240V = 0.18	240V = 0.18	240V = 0.18	240V = 0.22	240V = 0.21	240V = 0.22	
277V = 0.13		277V = 0.13	277V = 0.13	277V = 0.16	277V = 0.16	277V = 0.16	277V = 0.19	277V = 0.18	277V = 0.19	

## PHOTOMETRICS

### CT-VTS-7L-LKFS

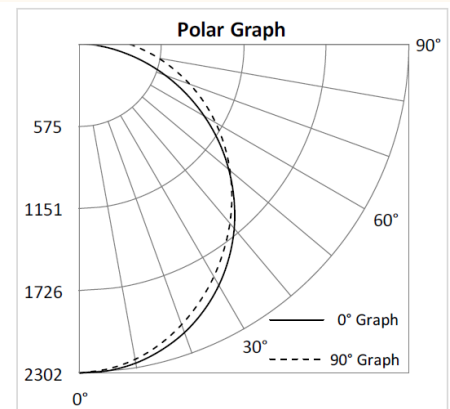
#### Luminaire Data

Description	4' Vapor Tight Slim 7L 5K - LKFS
Total Lumens	7,382
Input Wattage	53
Efficacy (lm/W)	140
Spacing Criterion (0-180°)	1.26
Spacing Criterion (90-270°)	1.24

Photometric calculated at 5000k- high lumens setting

#### Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	838	11.4%
0-30°	1,772	24.0%
0-40°	2,893	39.2%
20-50°	3,222	43.7%
40-70°	3,142	42.6%
0-60°	5,146	69.7%
0-80°	6,657	90.2%
0-90°	7,010	95.0%
90-180°	372	5.0%
0-180°	7,382	100.0%





# CT-VTS-LKFS

## VAPOR TIGHT SLIM LUMEN & KELVIN SELECTABLE

### COMPATIBLE EMERGENCY DRIVERS

Emergency Driver Part Number	EM10		EM13		
	MODEL	WATTS	EM LUMENS	EM LUMENS	
CT-VTS-7L-LKFS		10.6	1441	13	1768

Note: Suitable for ambient temperature above 10°C(50°F).

### COMPATIBLE DIMMERS AND CONTROLS

MANUFACTURER	MODEL NUMBER	DIMMER RANGE	LOAD SWITCHING CAPACITY
Best Lighting	DWS-010V-T	10%-100%	600W
Best Lighting	DWS-010V-D	10%-100%	600W
Leviton	IP710-LFZ	10%-100%	1200W
Lutron	DVSTV	10%-100%	450W